

ILLEGIB

Approved For Release 2001/03/30 : CIA-RDP78T05439A000400070025-7

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~~SECRET NOFORN DISSEM~~

IE - 362/64
15 September 1964
Copy # 1

MEMORANDUM TO: Chief, Geography Division, ORR
ATTENTION : [REDACTED] 25X1A
THROUGH : Chief, Requirements Branch, Reconnaissance Group, CGS
FROM : Chief, CIA/PID (NPIC)
SUBJECT : Trails in Central Laos
REFERENCES : (1) ORR Requirement No. C-RR4-81,501
(2) CIA/PID Project No. C 1054/64

1. This memorandum is in answer to the above referenced requirement which requested a study of the trails and tracks which traverse the limestone area that extends across the waist of Laos, at about 17°30'N.

25X1D
25X1D
2. The area of Laos that was studied for this project is outlined on the enclosed AMS Map Sheet NE 48-11 from Series L509. The five outlined areas on the map illustrate the coverage of the uncontrolled photographic mosaics used for this study. These mosaics were obtained from [REDACTED] and are included with this memorandum. Geographic coordinates have been plotted on the mosaics, but since they are uncontrolled, these coordinates should be used for location purposes only.

3. The terrain in this area of Laos, as shown on Overlay No. 1 to the enclosed map, was generally found to be motorable only in the relatively flat valleys and plains. The roads, namely National Routes 8, 12, and 12A, remain in these valleys and plains and do not venture into the adjacent mountainous regions. Numerous trails are also present in these areas. The roads and major trails are shown on Overlay No.2 to the map. The third map overlay has been included in order to show those areas of unmotorable terrain which could possibly be traversed by foot with relative ease.

4. The analyst on this project was [REDACTED] who may be contacted on extension 2546, should you have any questions regarding this project.

25X1A

Declass Review by NIMA/DOD

GROUP 1
Excluded from automatic
downgrading and
declassification

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13787

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This memorandum with its enclosures is considered a complete answer to the requirement.

25X1A



Enclosures:

- 1 - Annotated Map w/3 Overlays
(CIA/PID/IB-P-1225/64)
- 5 - Annotated Photo Mosaics
(CIA/PID/IB-P-1226/64 to P-1230/64)

SECRET NOFORN DISSEM

13787

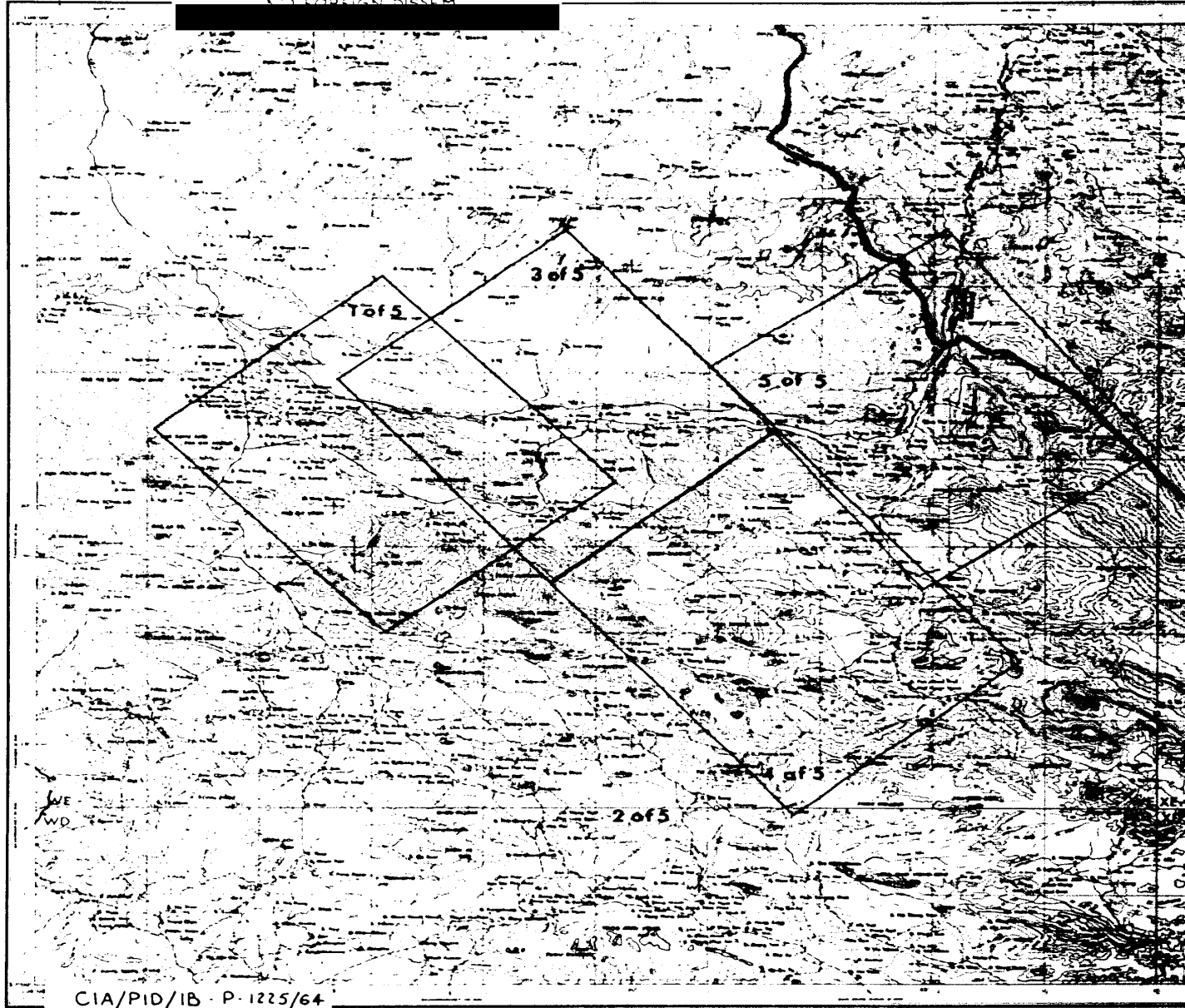
25X1C

INDOCHINA AND THAILAND

SECRET

NO FOREIGN DISSEM

BADON



CIA/PID/IB - P-1225/64

1. Scale: 1:500,000
2. Projection: Transverse Mercator
3. Datum: Everest
4. Contour Interval: 100 meters
5. Elevation: 0 to 10,000 feet
6. Symbols: See legend
7. Notes: See legend

1. Scale: 1:500,000
2. Projection: Transverse Mercator
3. Datum: Everest
4. Contour Interval: 100 meters
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6. Symbols: See legend
7. Notes: See legend

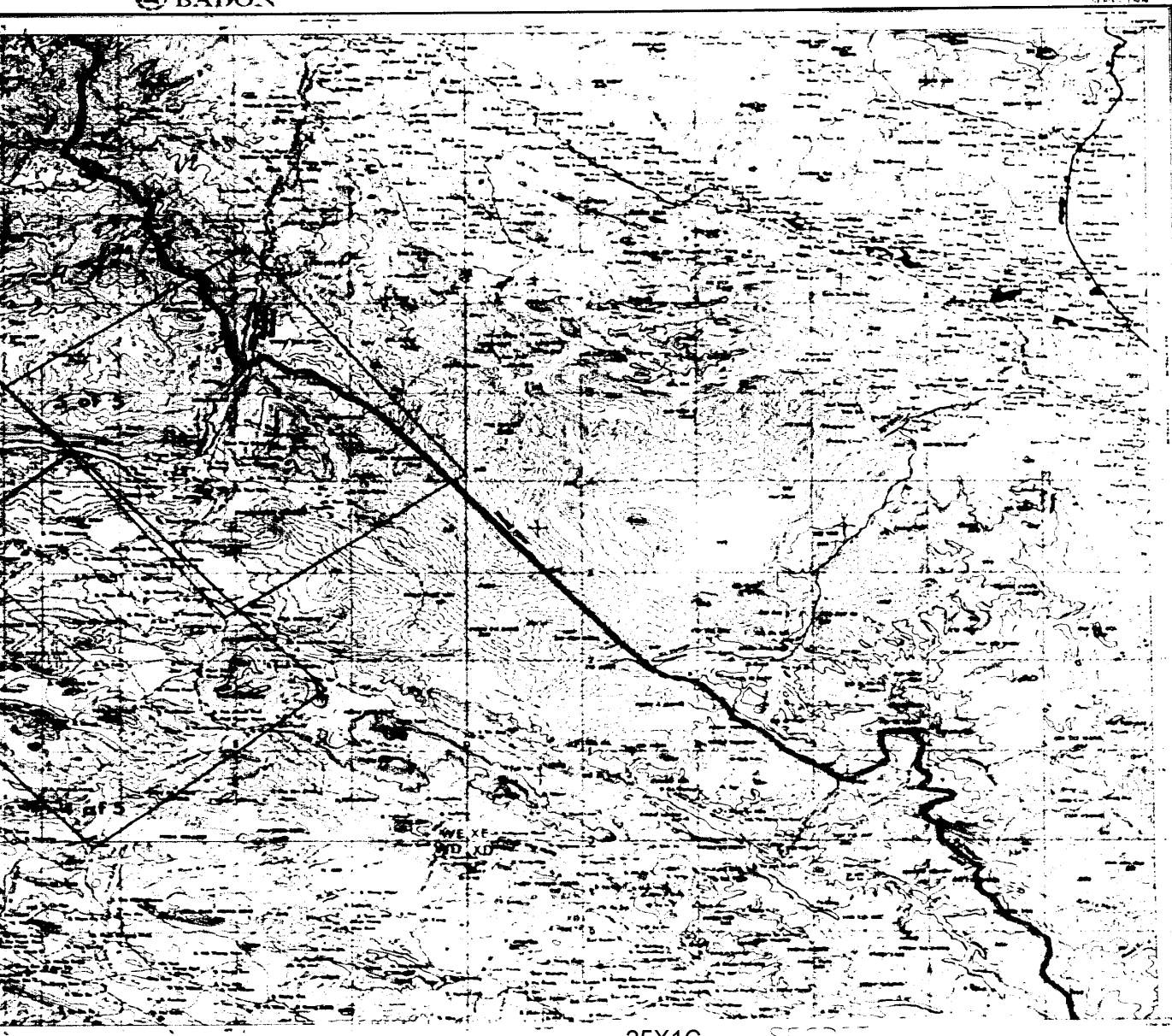
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3. Datum: Everest
4. Contour Interval: 100 meters
5. Elevation: 0 to 10,000 feet
6. Symbols: See legend
7. Notes: See legend

 **BADON**

EDITION 4 APR

OTHER MAPS
NL 48 11

SCALE 1:500,000
SHEET NO. 11
EDITION 4 APR



25X1C

SECRET
NO FOREIGN DISSEM

CONTOUR INTERVAL 100 METERS WITH SUPPLEMENTARY 500 METER INTERVALS
BUILT UP AREAS OF 1000 METERS OR MORE
TRANSVERSE MERIDIAN PROJECTION

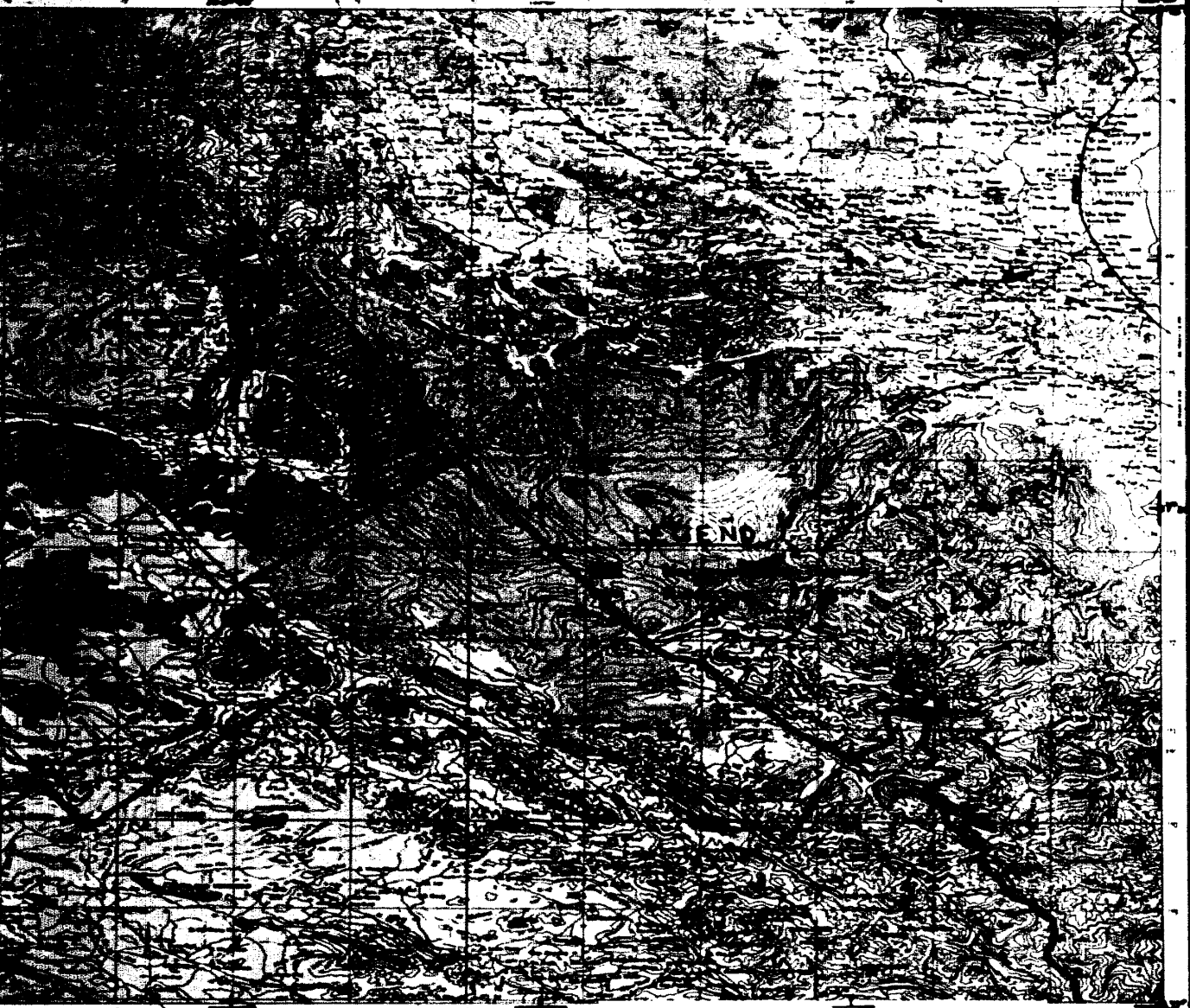


BADON VIETNAM LAOS

BADON

EDITION 6-AM8

REFER TO THIS MAP AS
95-22-1



25X1C

SECRET

Scale 1:250,000
CONTOUR INTERVAL, 500 METERS WITH SUPPLEMENTARY CONTOURS AT 50 METER INTERVALS
RELIEF PARTIALLY SHOWN BY HACH LINES
TRANSVERSE MERCATOR PROJECTION
GEOGRAPHIC COORDINATES: UTM ZONE 48Q UTM GRID COORDINATES: 95-22-1

1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10



1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10

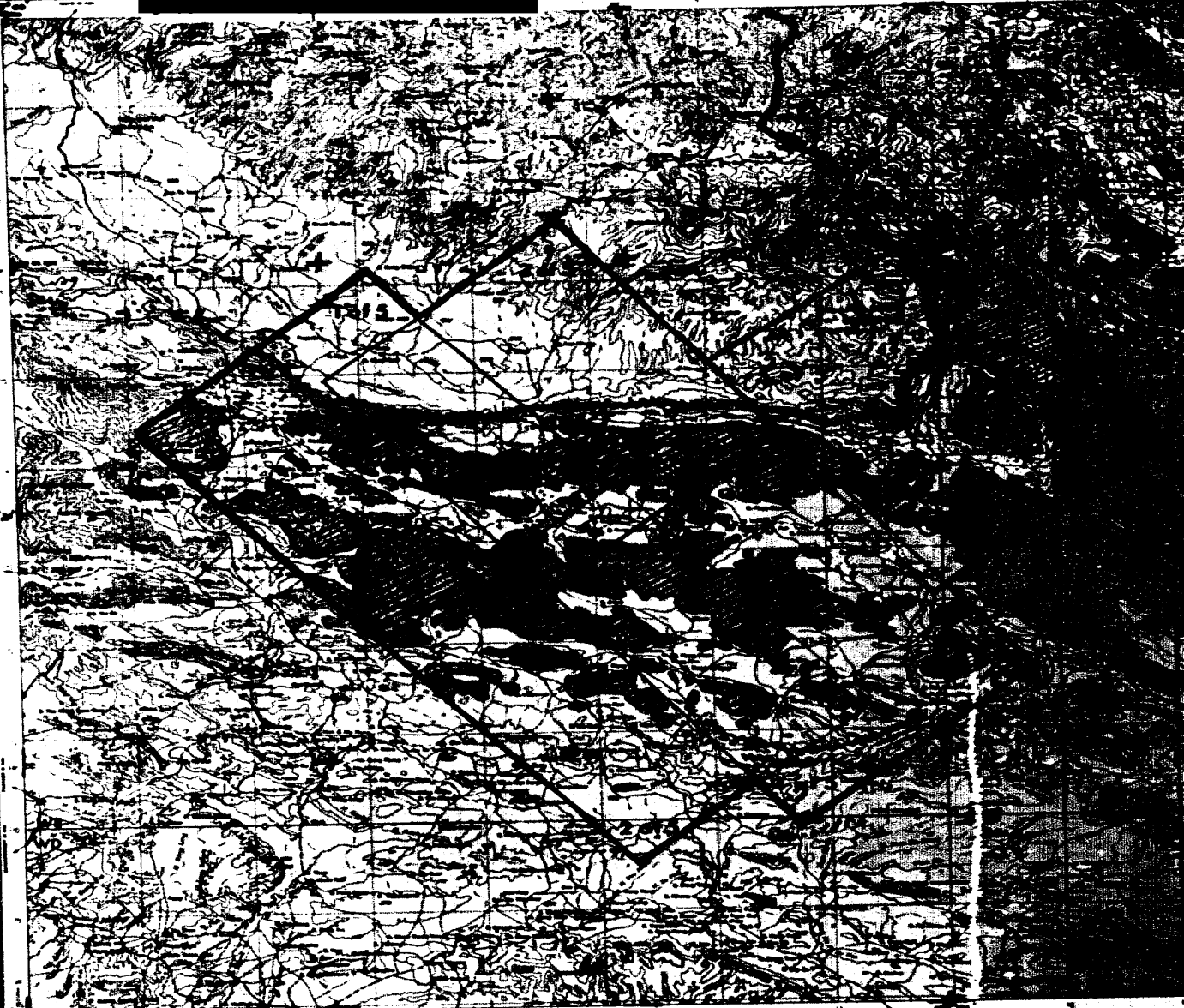
BADON VIETNAM LAOS

25X1C

SECRET

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INDOCHINA AND THAILAND
VIETNAM - LAOS



EVA/PAD/MS - P. 1225/64
OVERLAY No 1

Legend
Scale
Contour Interval
Supplemental Contours
Partial Contours
Transverse Mercator Projection

Legend
Scale
Contour Interval
Supplemental Contours
Partial Contours
Transverse Mercator Projection

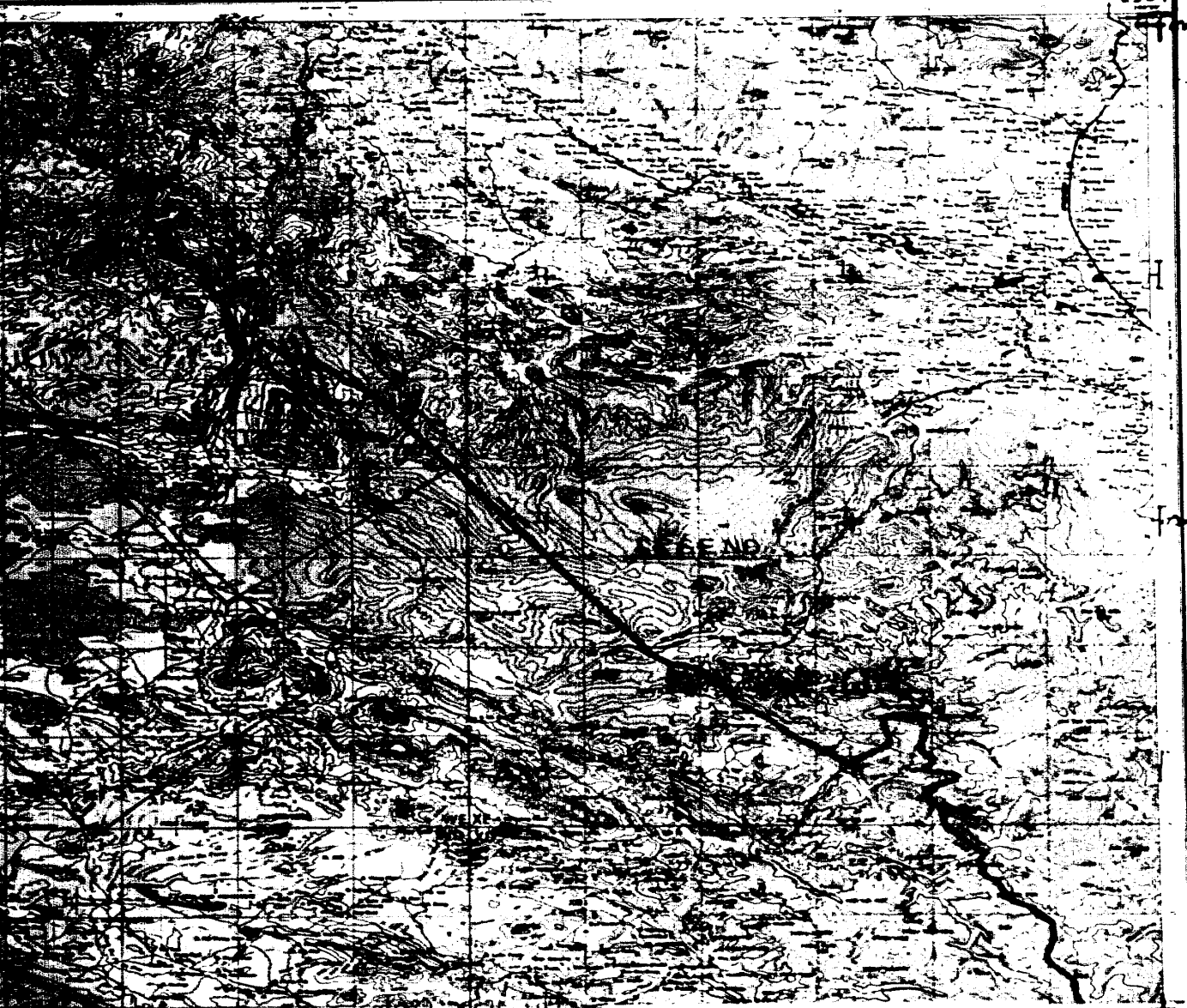
Legend
Scale
Contour Interval
Supplemental Contours
Partial Contours
Transverse Mercator Projection

 **BADON**

EDITION 6-AMR

REF ID: A6811

1:50,000
1:25,000
1:10,000
1:5,000



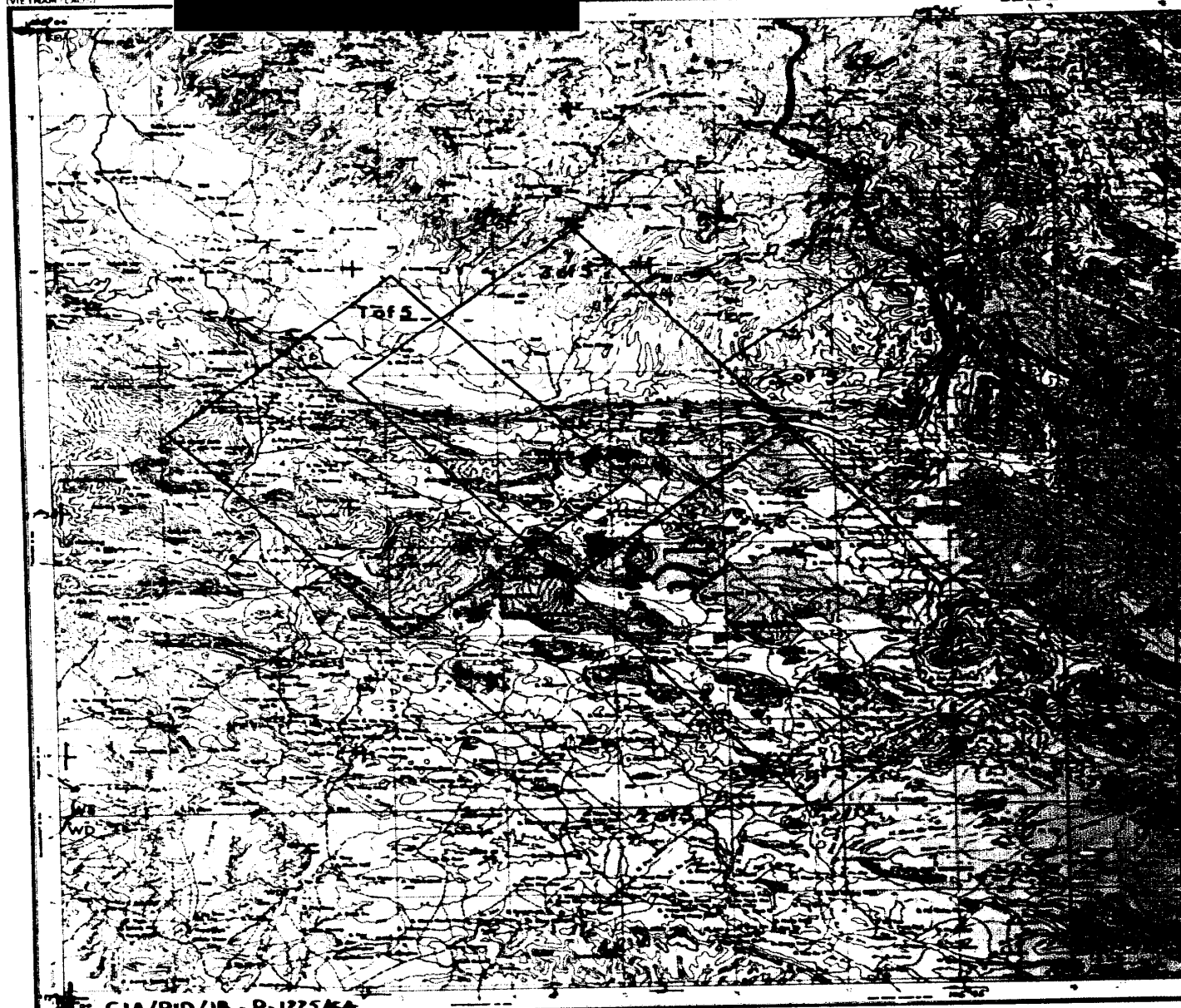
25X1C

~~SECRET~~

NO FOREIGN DISSEM

Scale 1:250,000
CONTINUOUS INTERVAL 100 METERS WITH SUPPLEMENTARY CONTOURS AT 50 METER INTERVALS
SELECT PARTIAL 1:1 SHOWN BY CONTOUR LINES
TRANSVERSE MERCATOR PROJECTION
BORDER LINES AND PRIVATE PROPERTY LINES
ALL LINES SHOWN ON THIS PROJECTION

BADON, VIETNAM, LAOS

EMULSION


EATON**EDITION 4-2000**

REFER TO THIS MAP AS
NE 48-11

NE 48-17

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LEGEND

25X1C

~~SECRET~~

~~NO FOREIGN DISSEM~~

CONTOUR INTERVAL 100 METERS WITH SUPPLEMENTARY CONTOURS AT 50 METER INTERVALS.
RELIEF PARTIALLY SHOWN BY FORM LINES.

THE UNIVERSITY OF TEXAS AT AUSTIN

TRANSMISSION MECHANISM PROJECTION

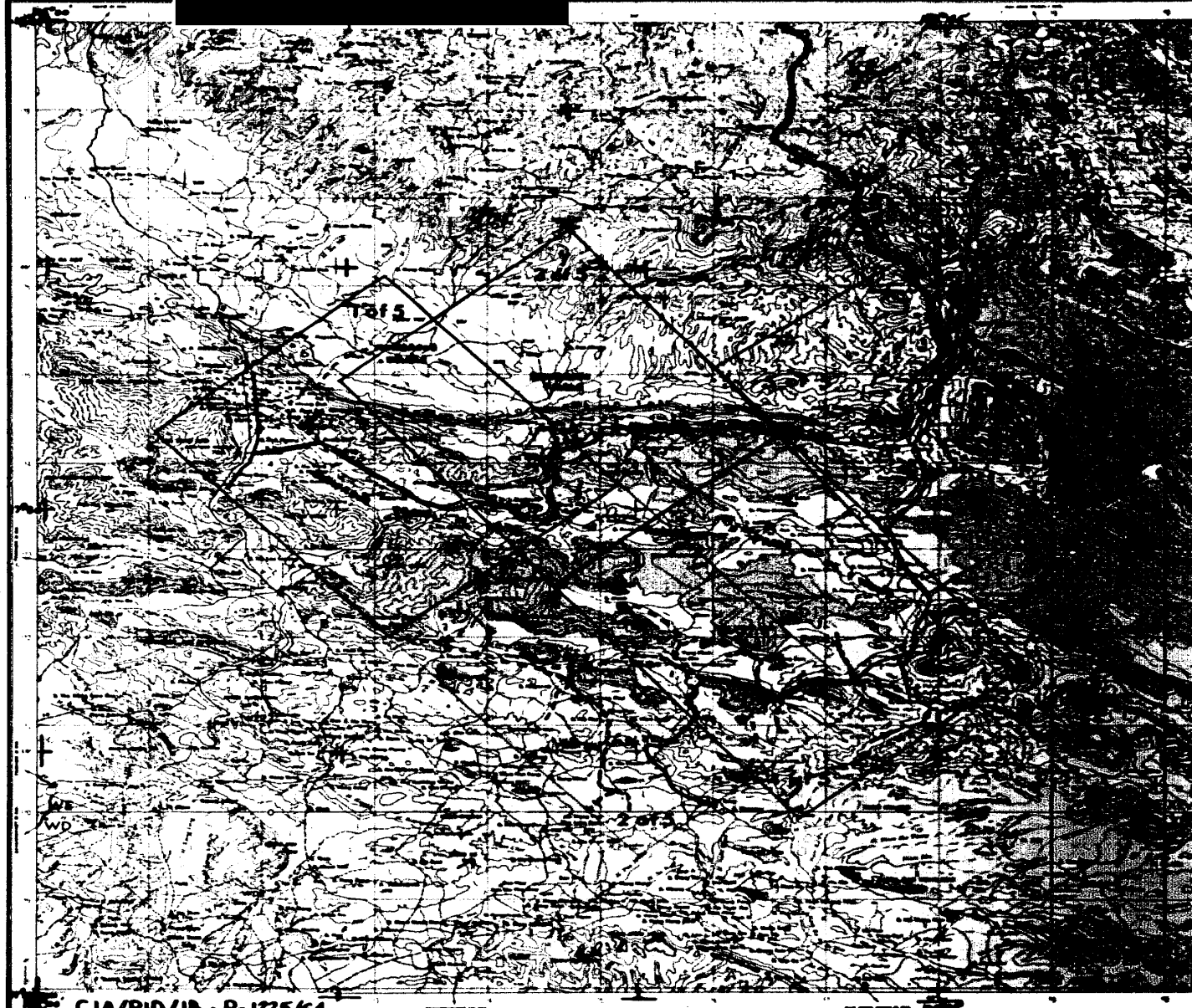
BADON, VIETNAM; LAOS

25X1C

INDOCHINA AND THAILAND
(VIETNAM - LAOS)

SECRET

BRADON



CIA/PID/IB - P-1225/64

OVERLAY No. 2

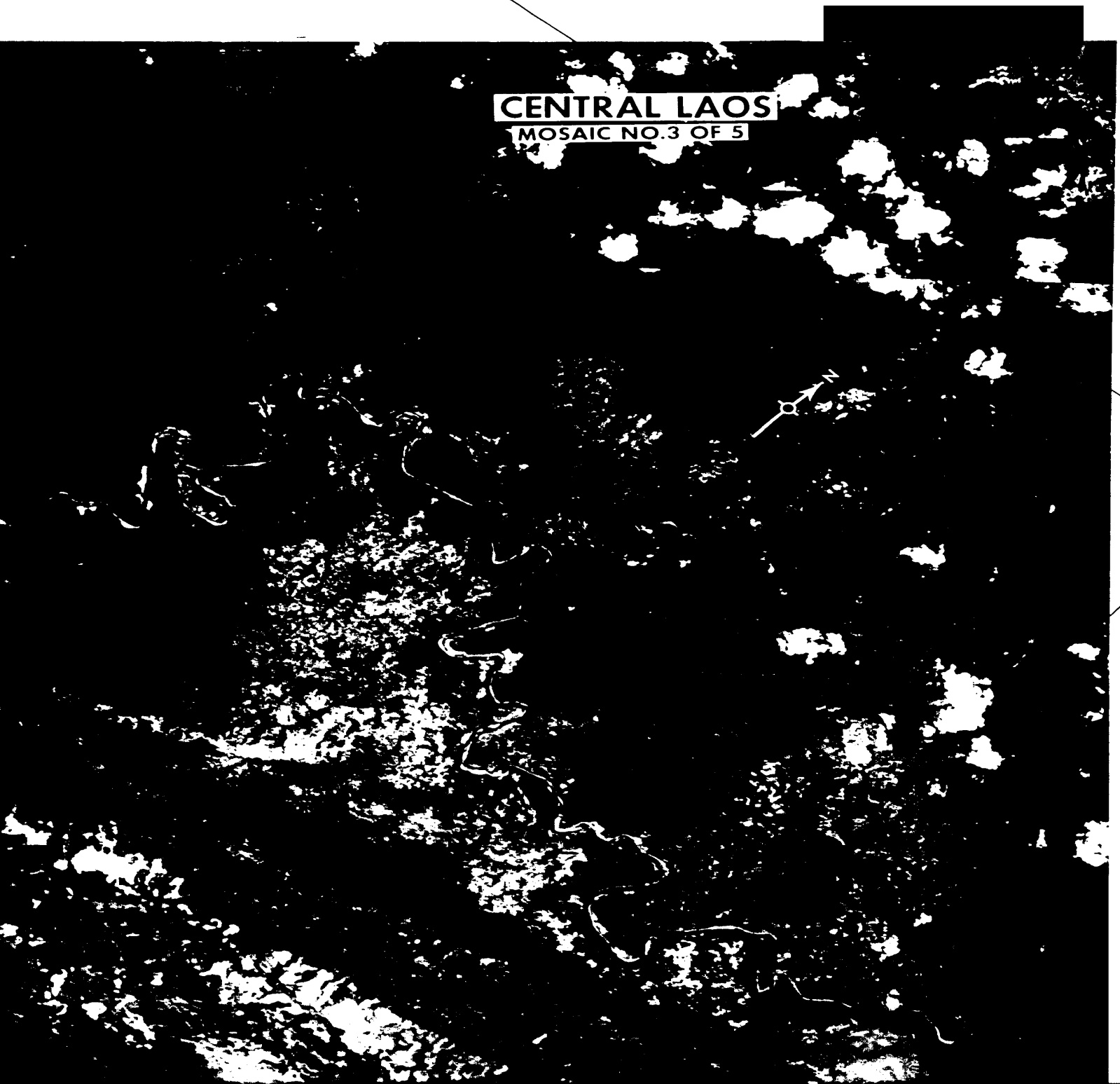
LEGEND

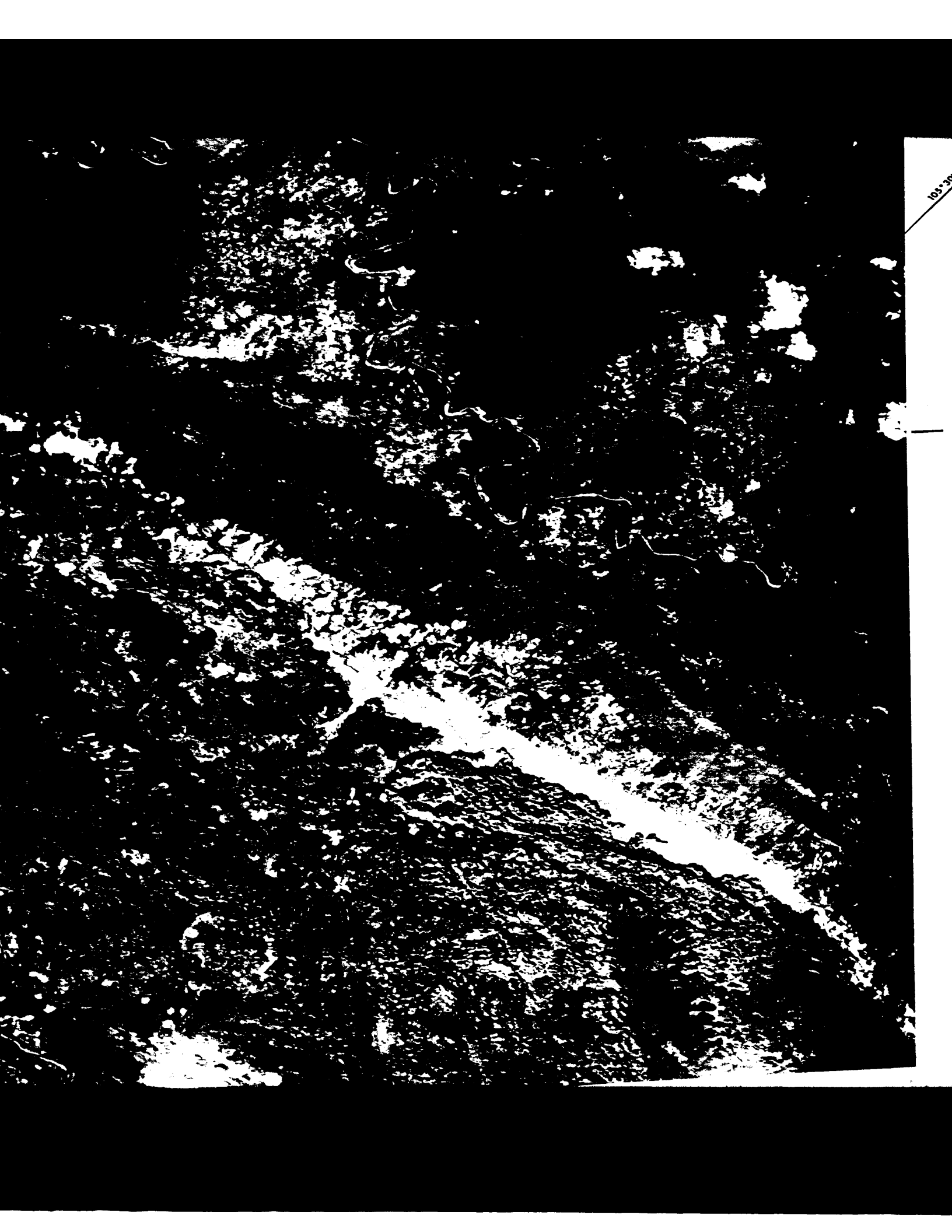
Scale 1:250,000

CONTOUR INTERVAL 100 METERS WITH SUPPLEMENTARY CONTOURS AT 50 METER INTERVALS
RELIEF PARTIALLY SHOWN BY FORM LINES
TRANSVERSE MERCATOR PROJECTION

25X1D

CENTRAL LAOS
MOAIC NO.3 OF 5



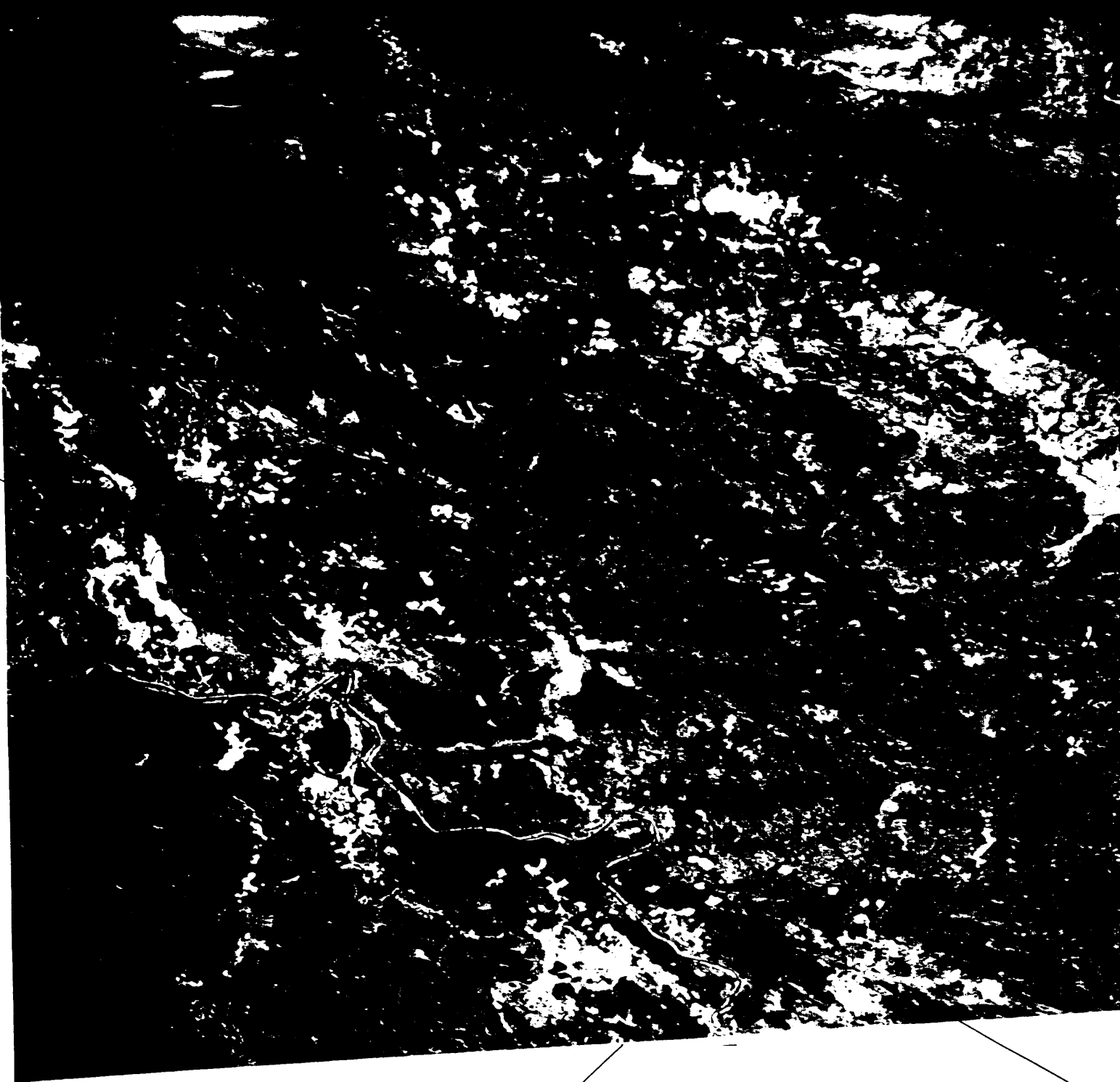




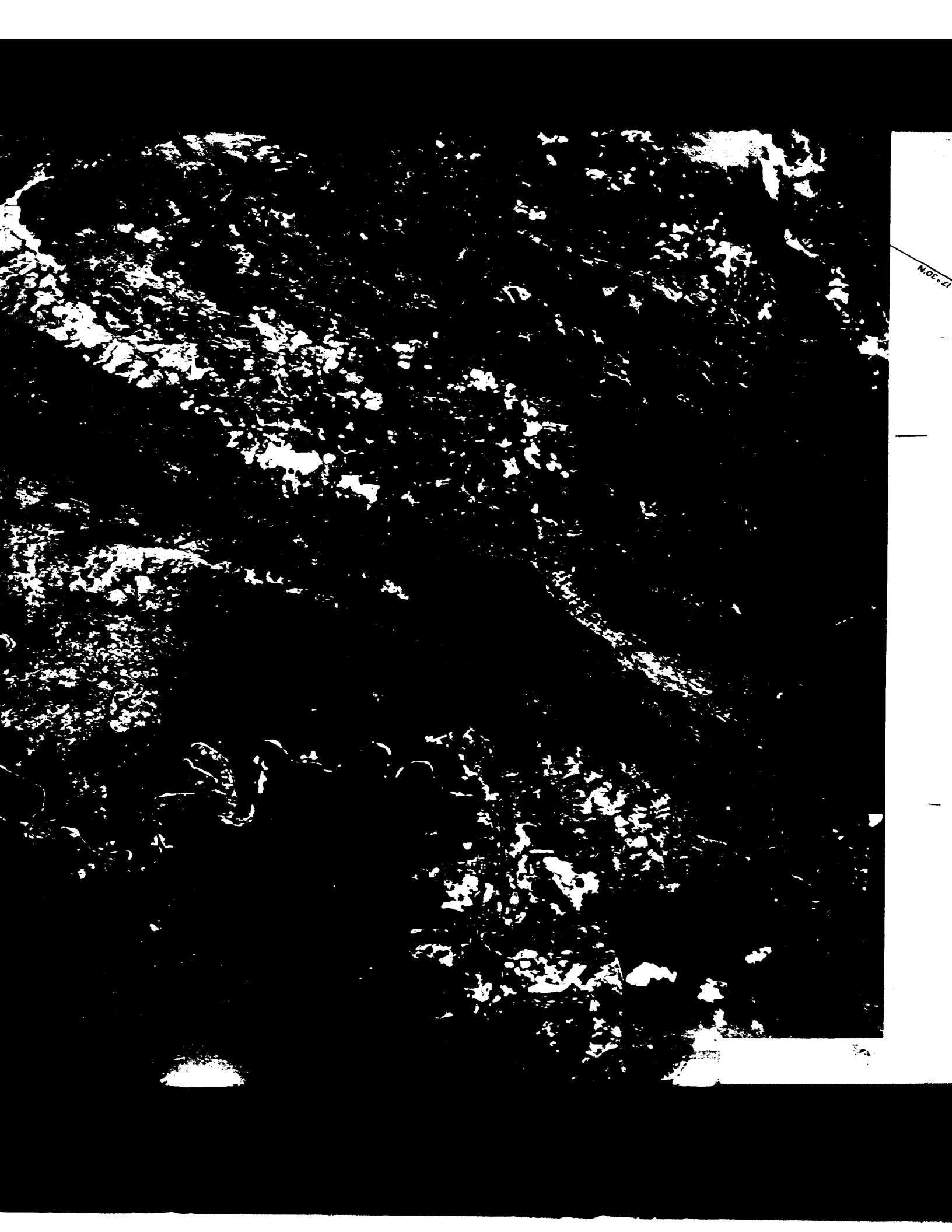
SECRET

25X1C

NO. 304



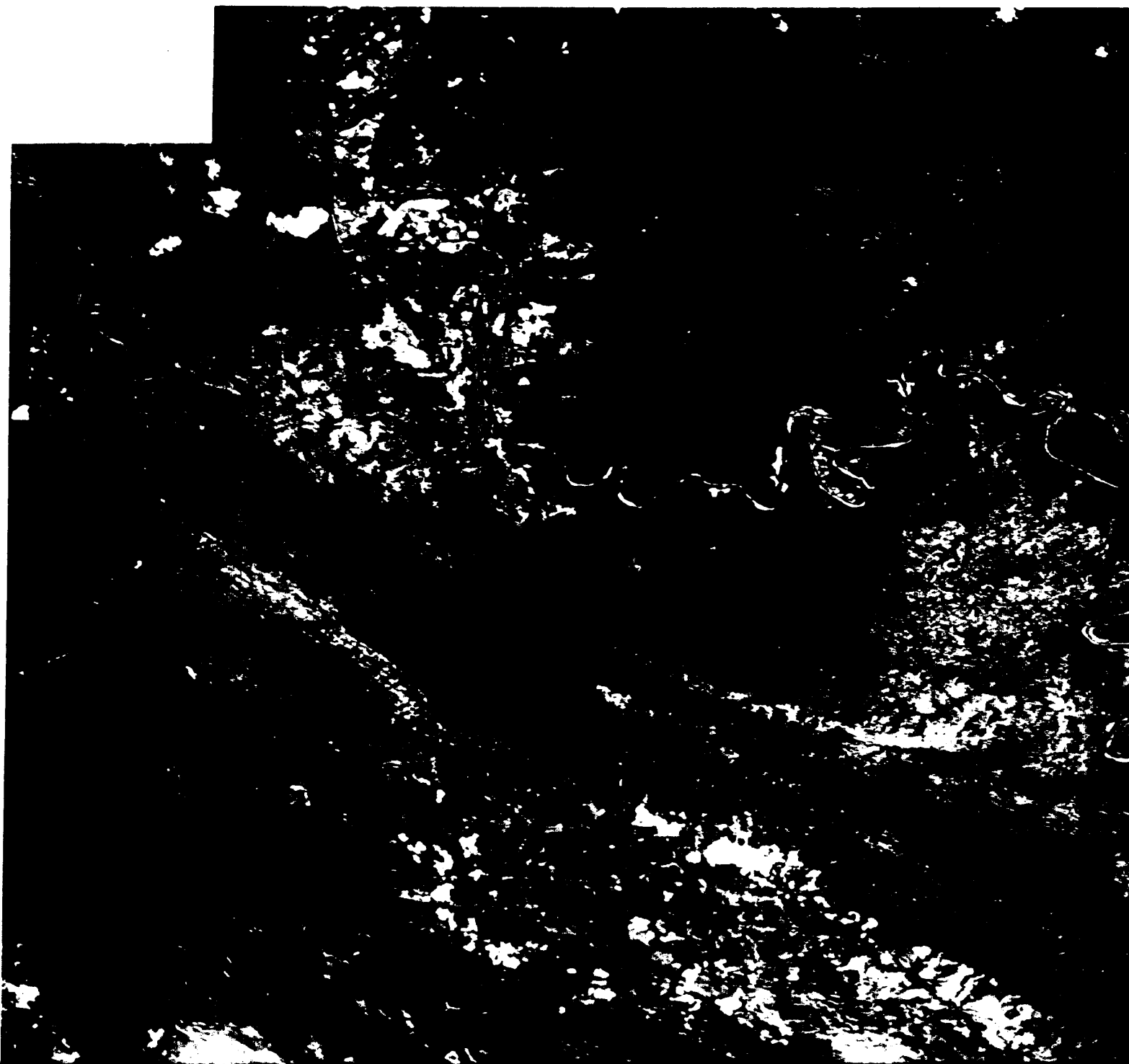
CIA/PID/IB-P-1228/64



NOS. 21

25X1C

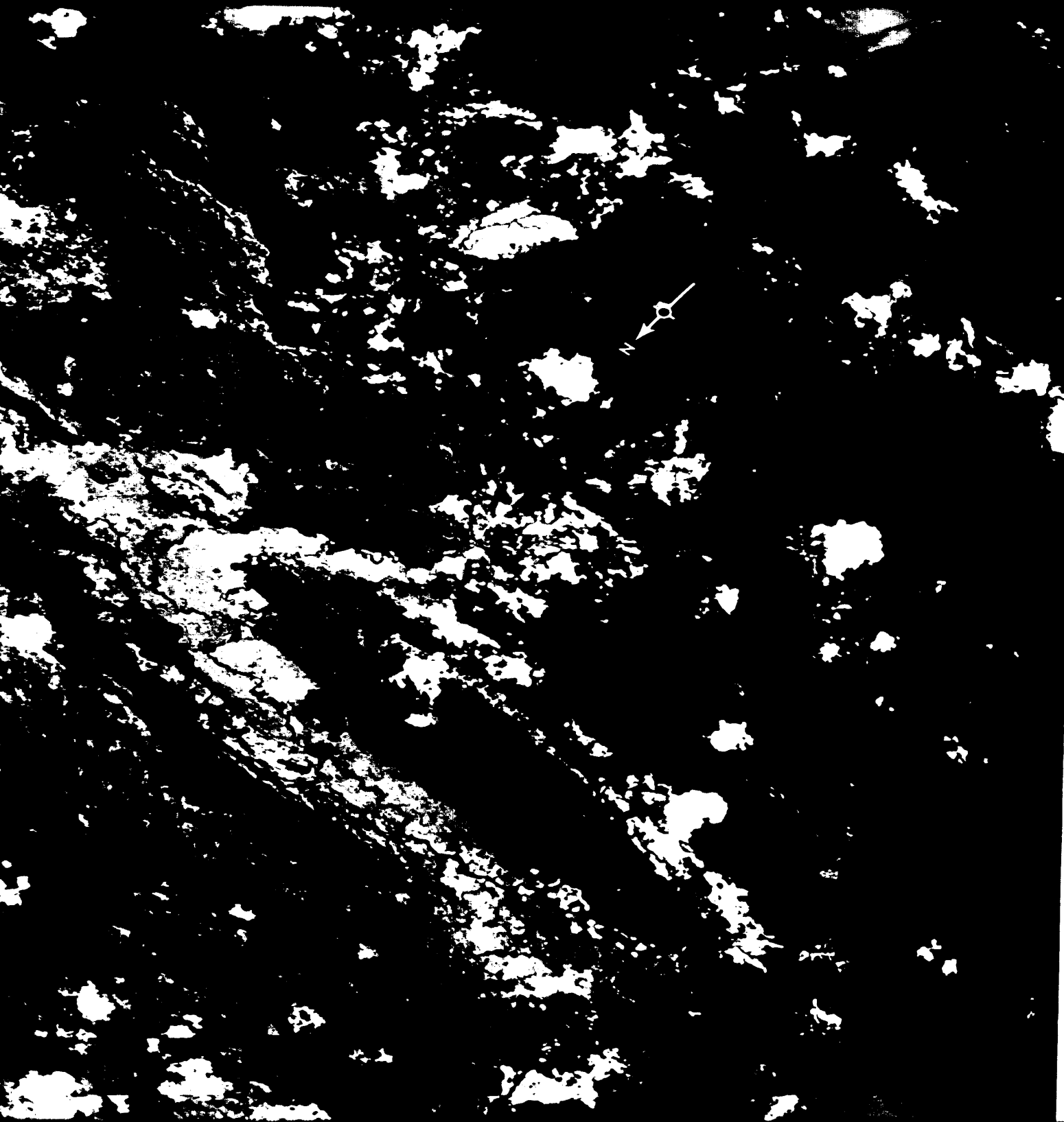
SECRET



SW

CENTRAL LAOS
MOSAIC NO.2 OF 5

CIA/PID/IB-P-1227/64

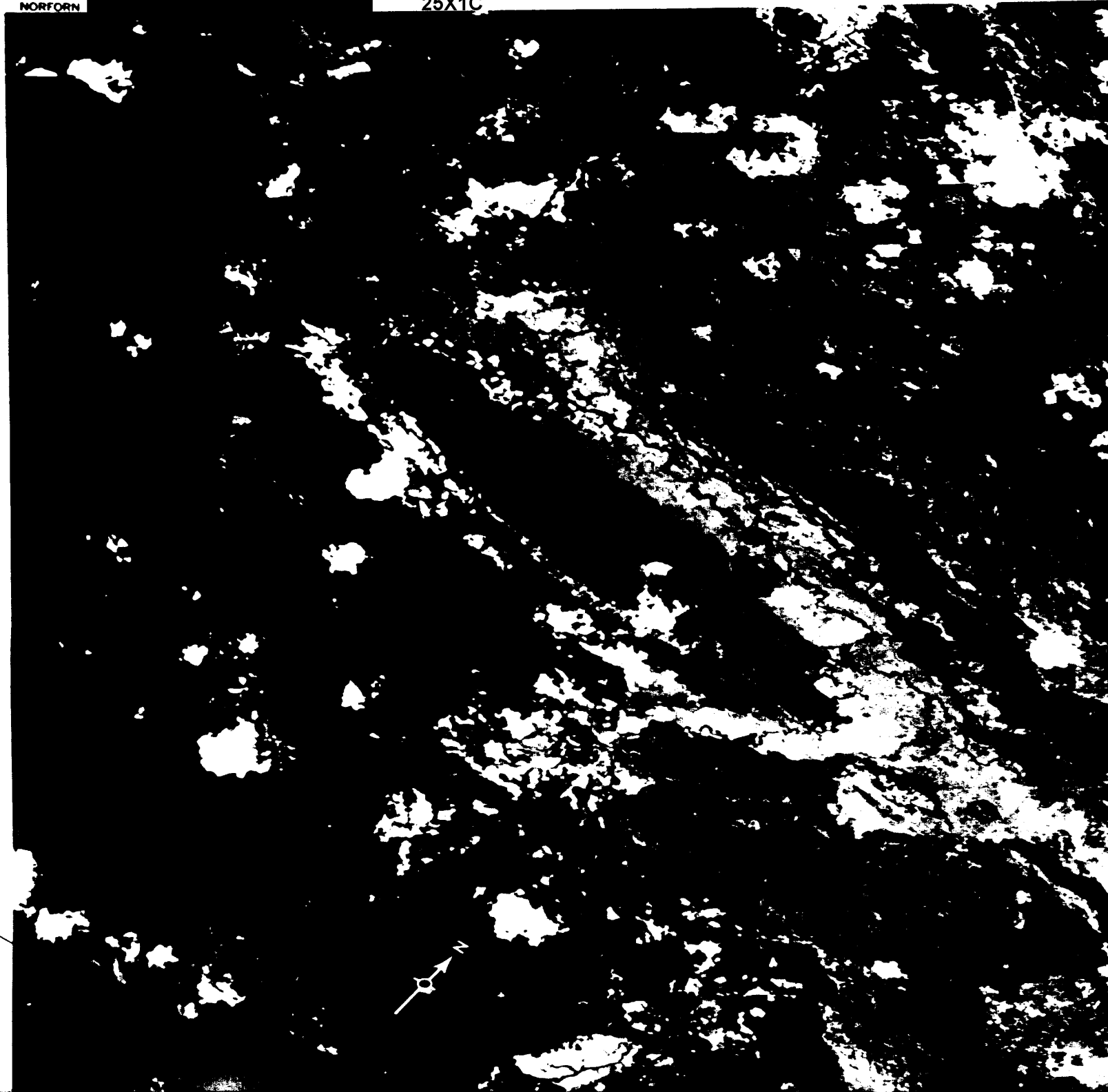


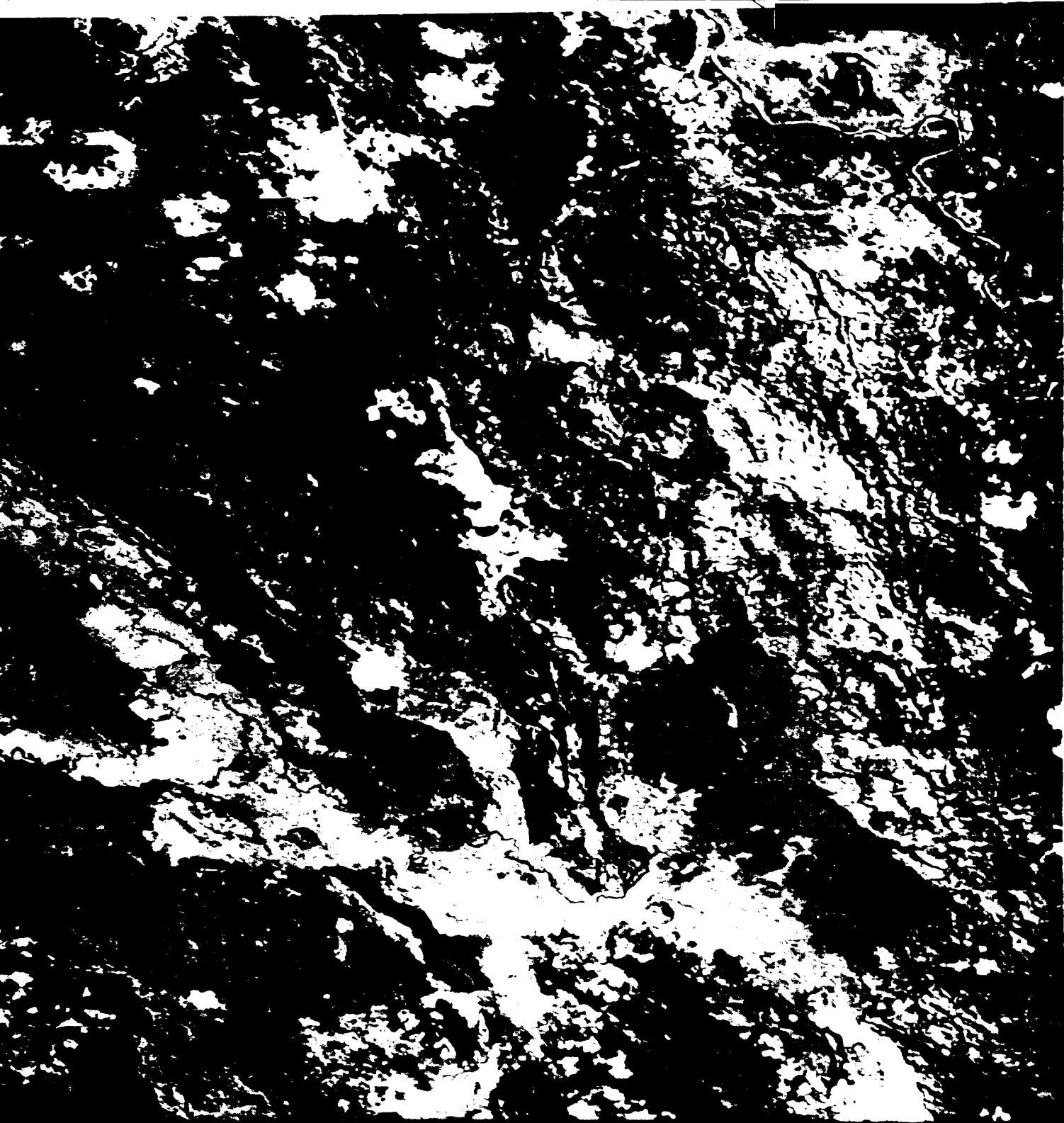
NEL

NORFORN

SECRET

25X1C

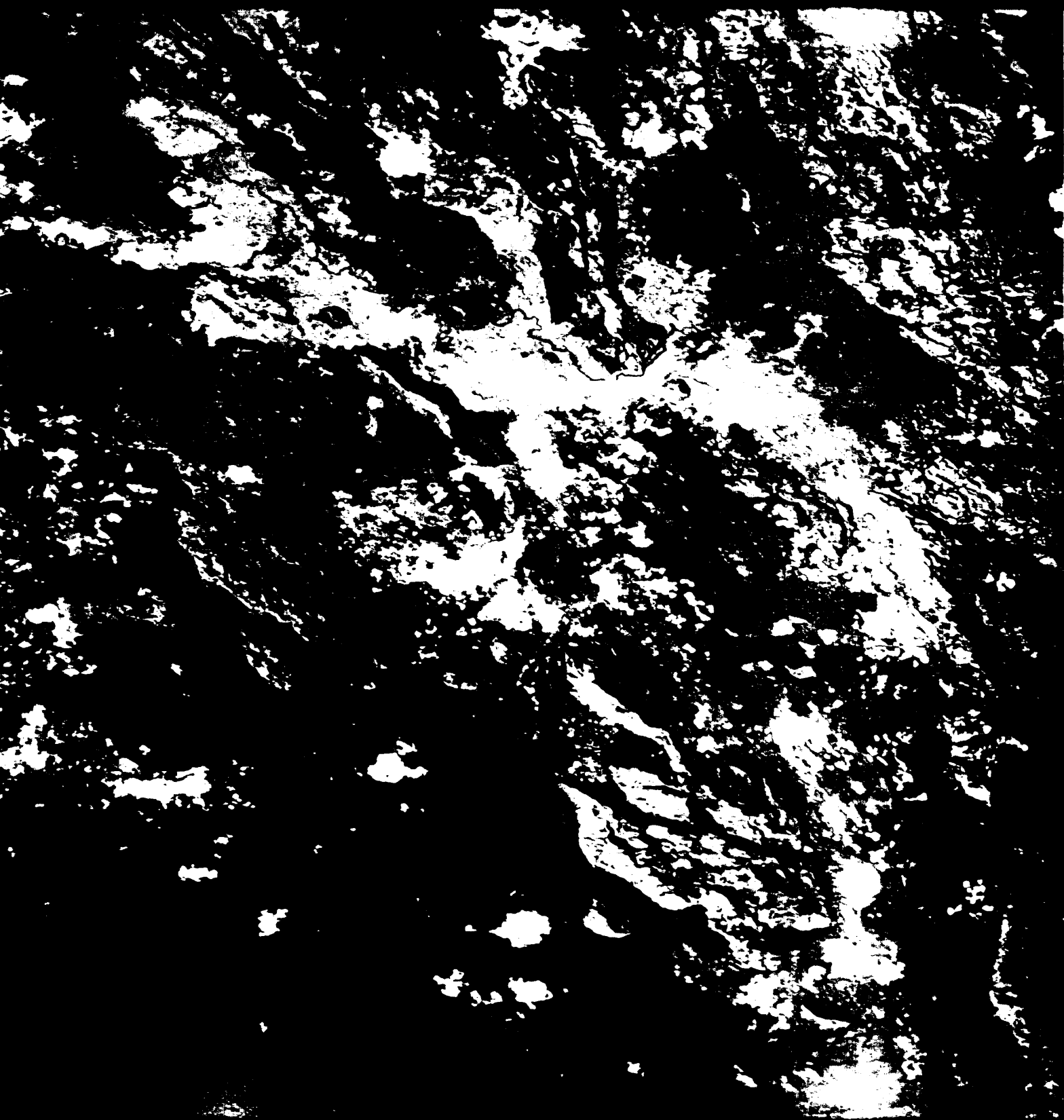


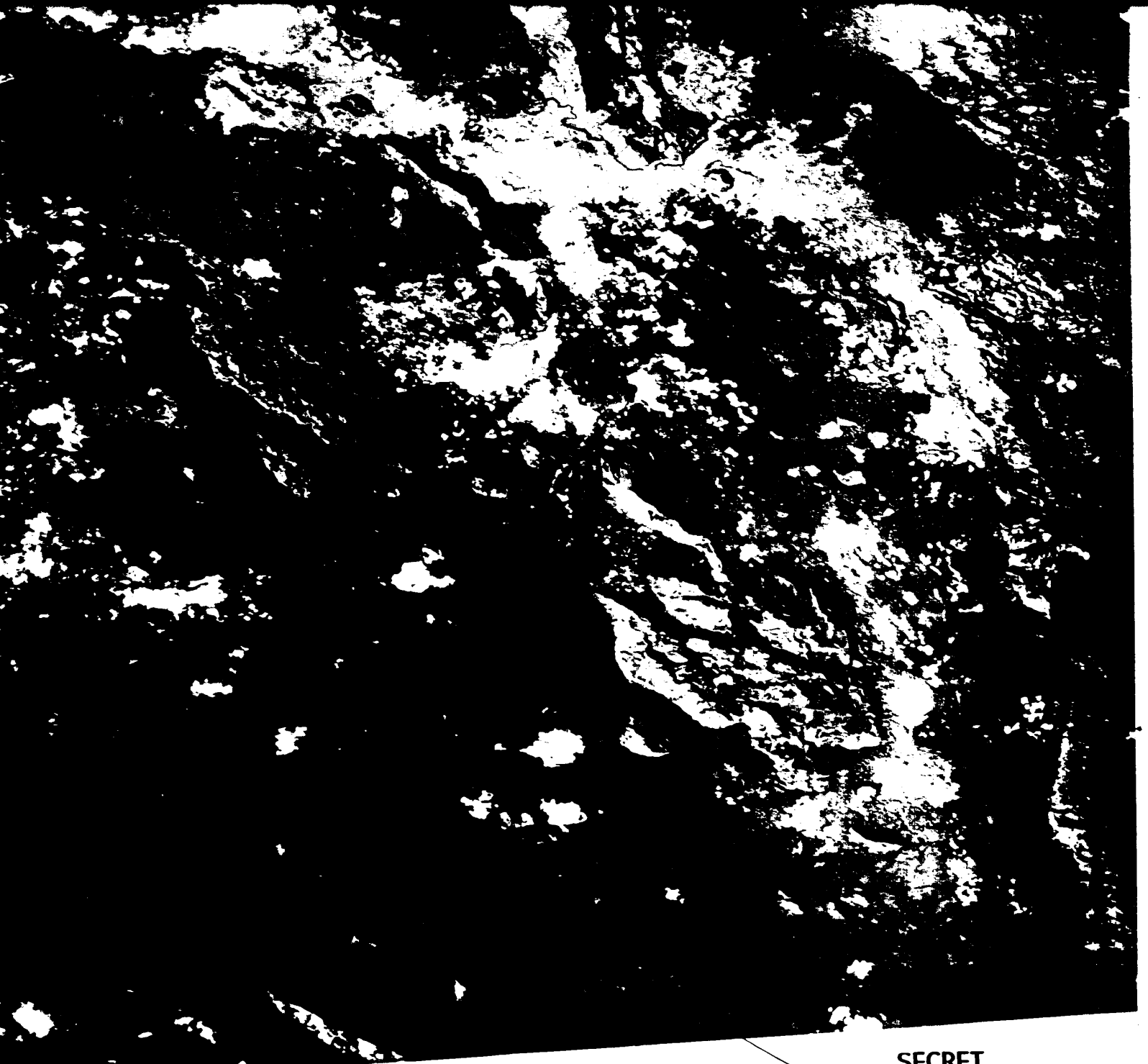


25X1D

101.30E

17.30N



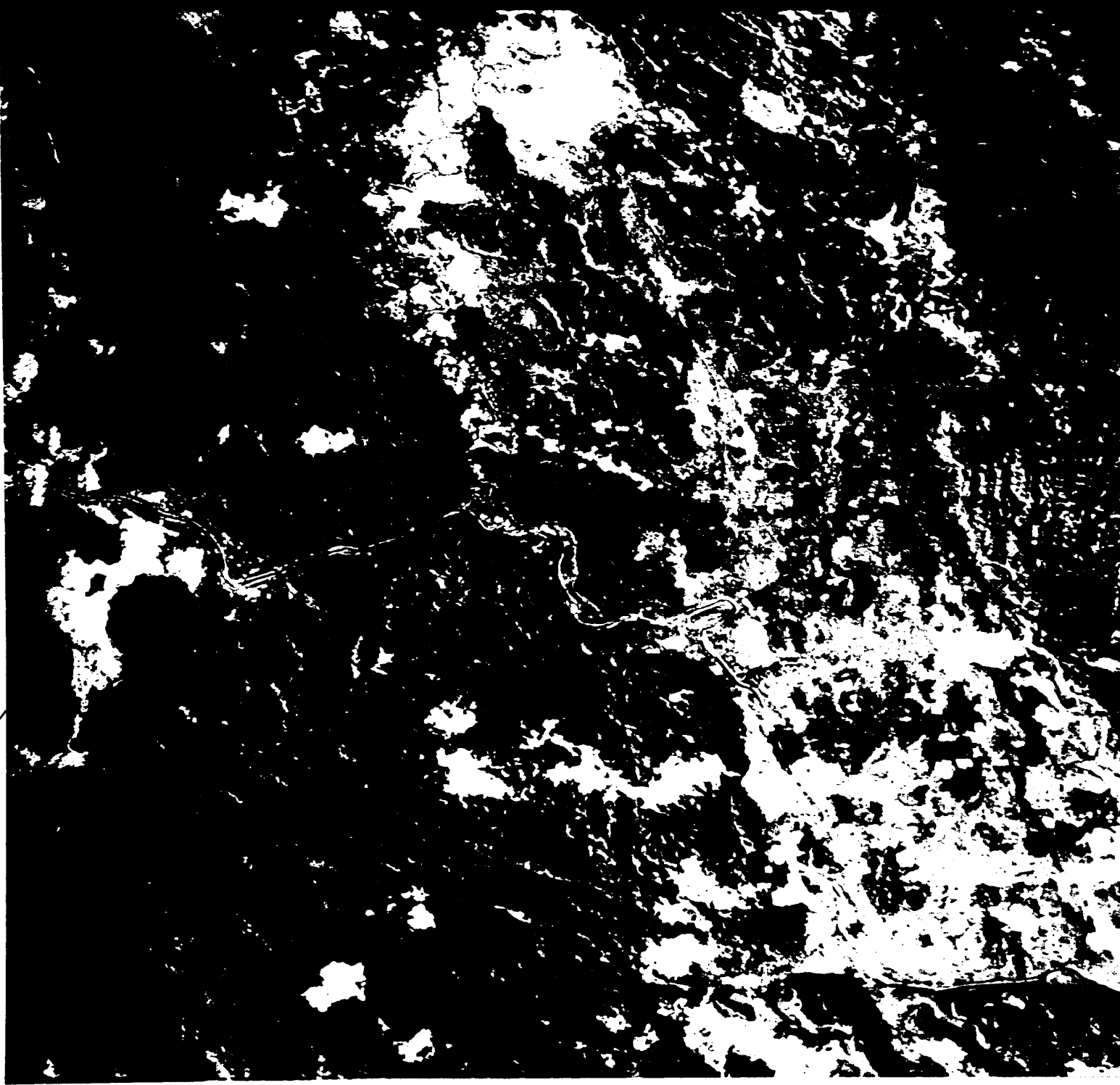


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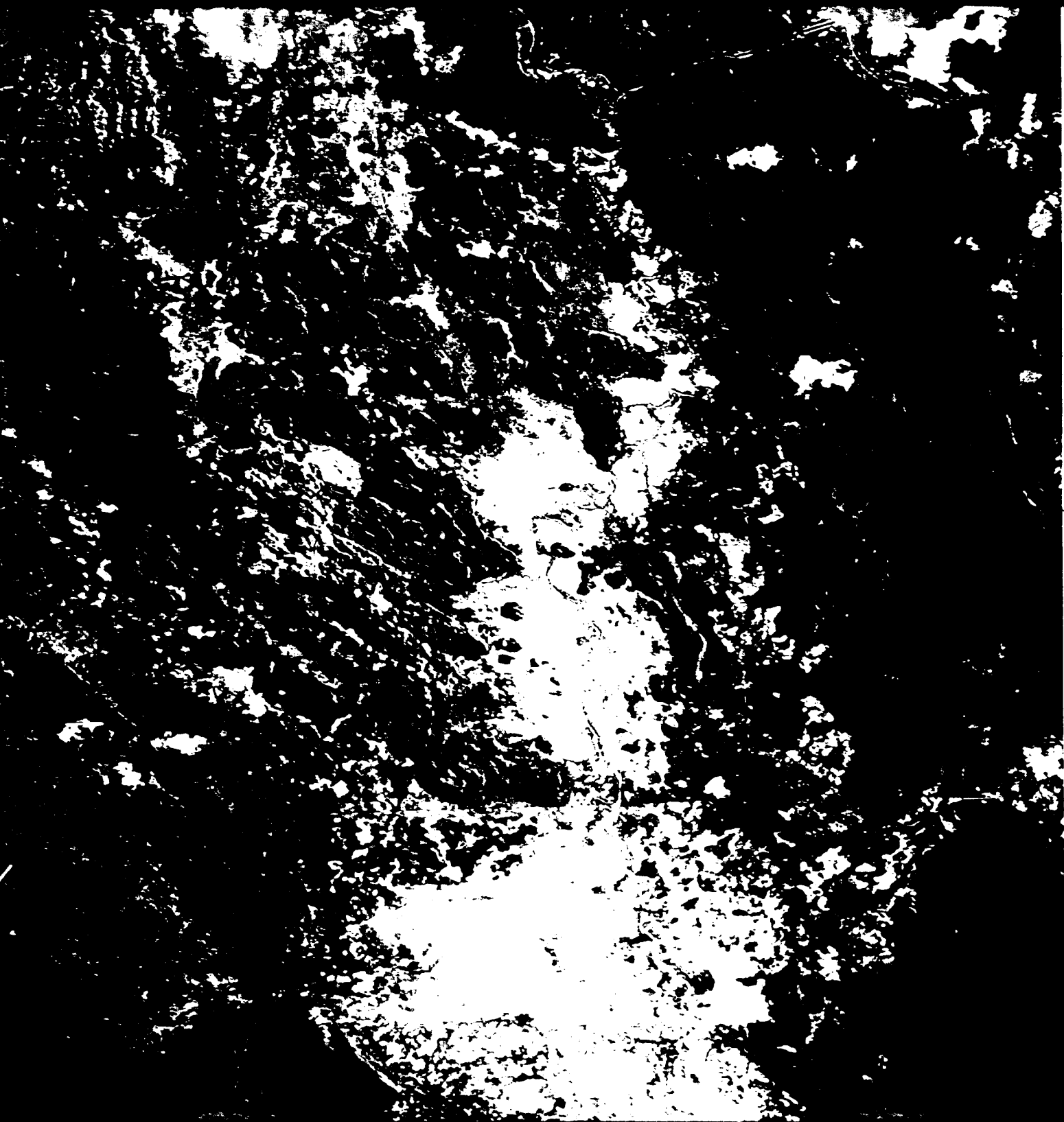
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307N

10515E



CIA/PID/IB-P-1226/64

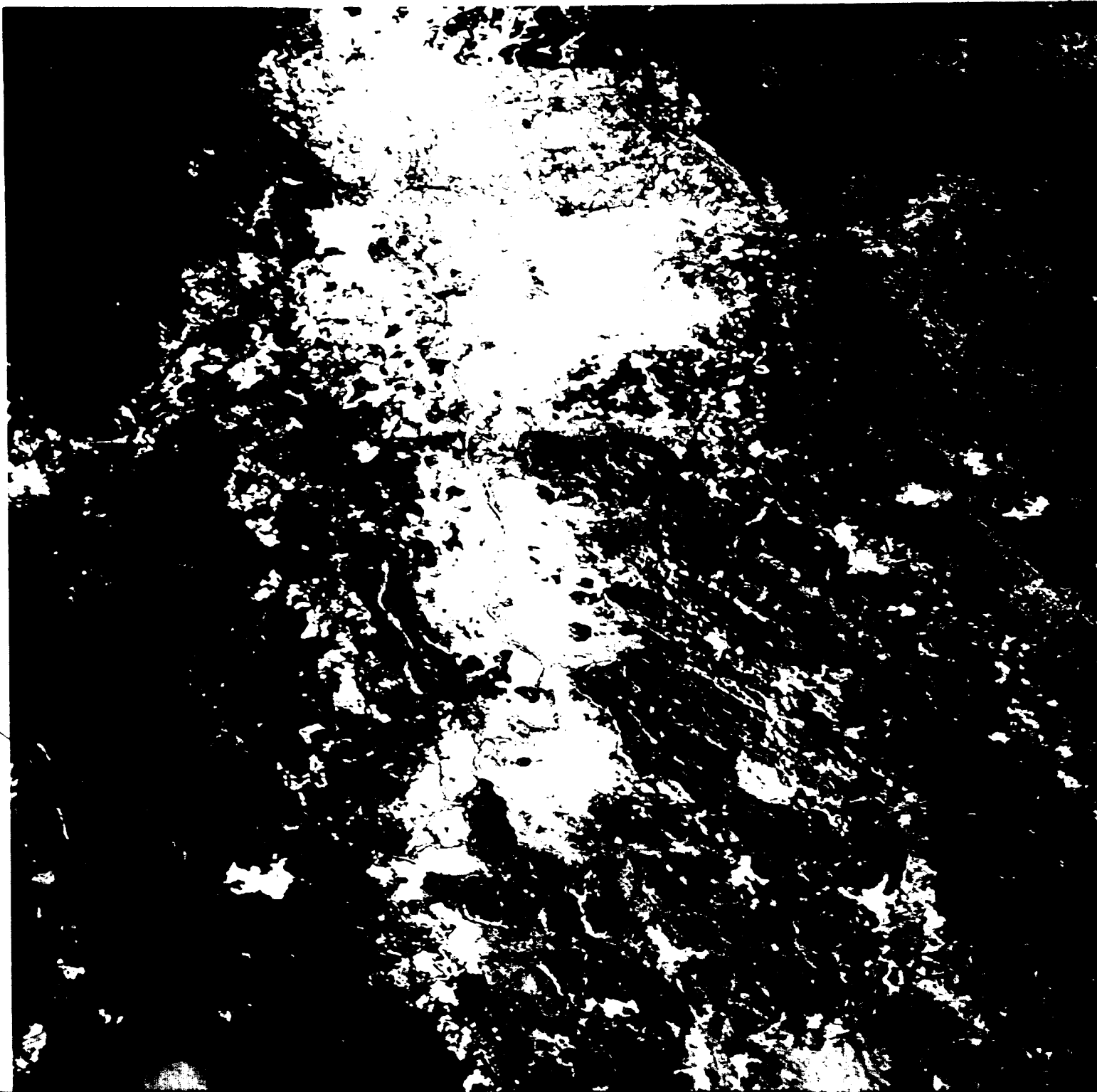


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NO. 12/30/74

25X1D

CENTRAL LAOS
— MOSAIC NO.1 OF 5.2 —







SECRET

NO FOREIGN

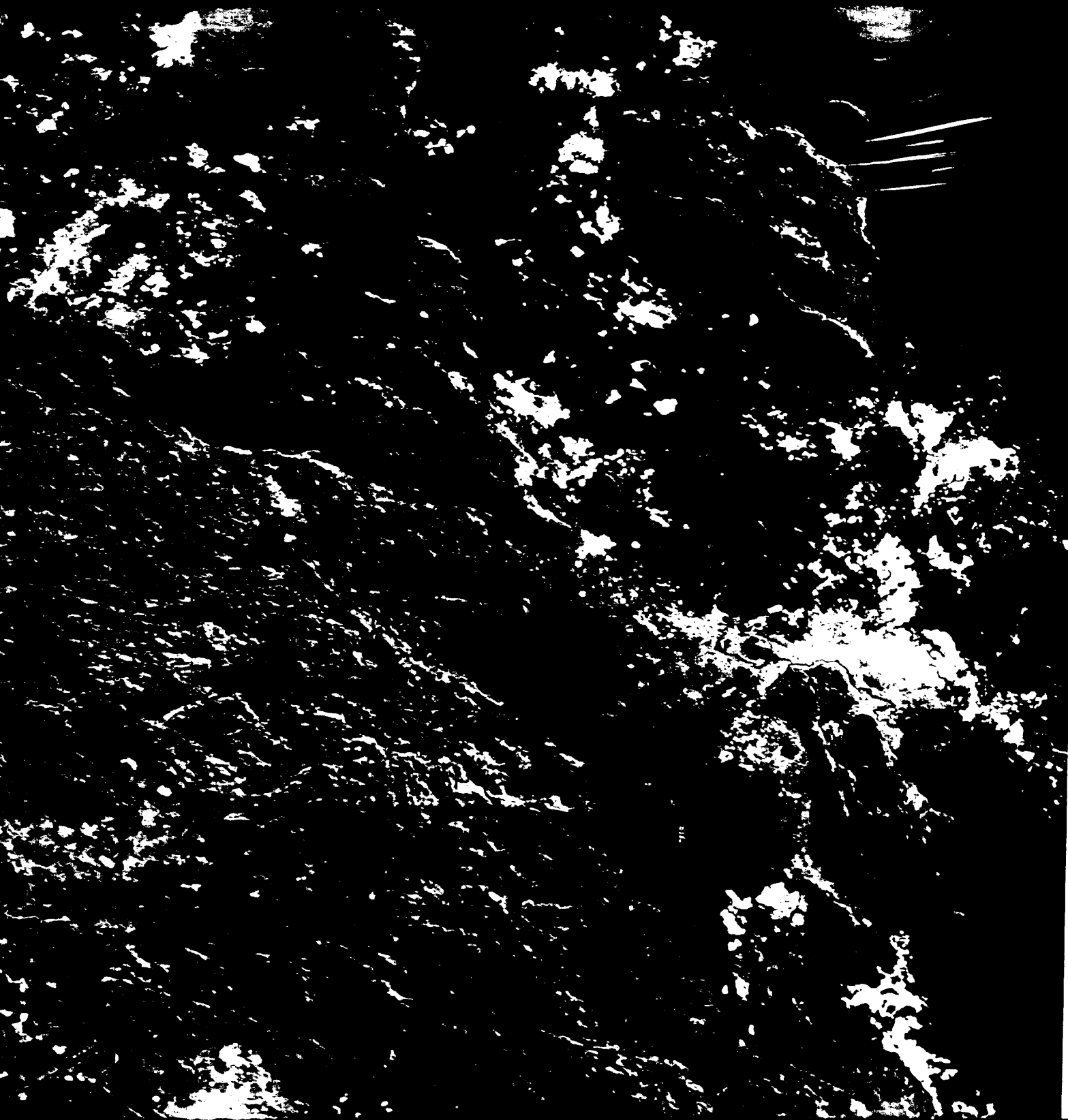
25X1C



CENTRAL LAOS
MOSAIC NO.4 OF 5

CIA/PID/IB-P-1229/64

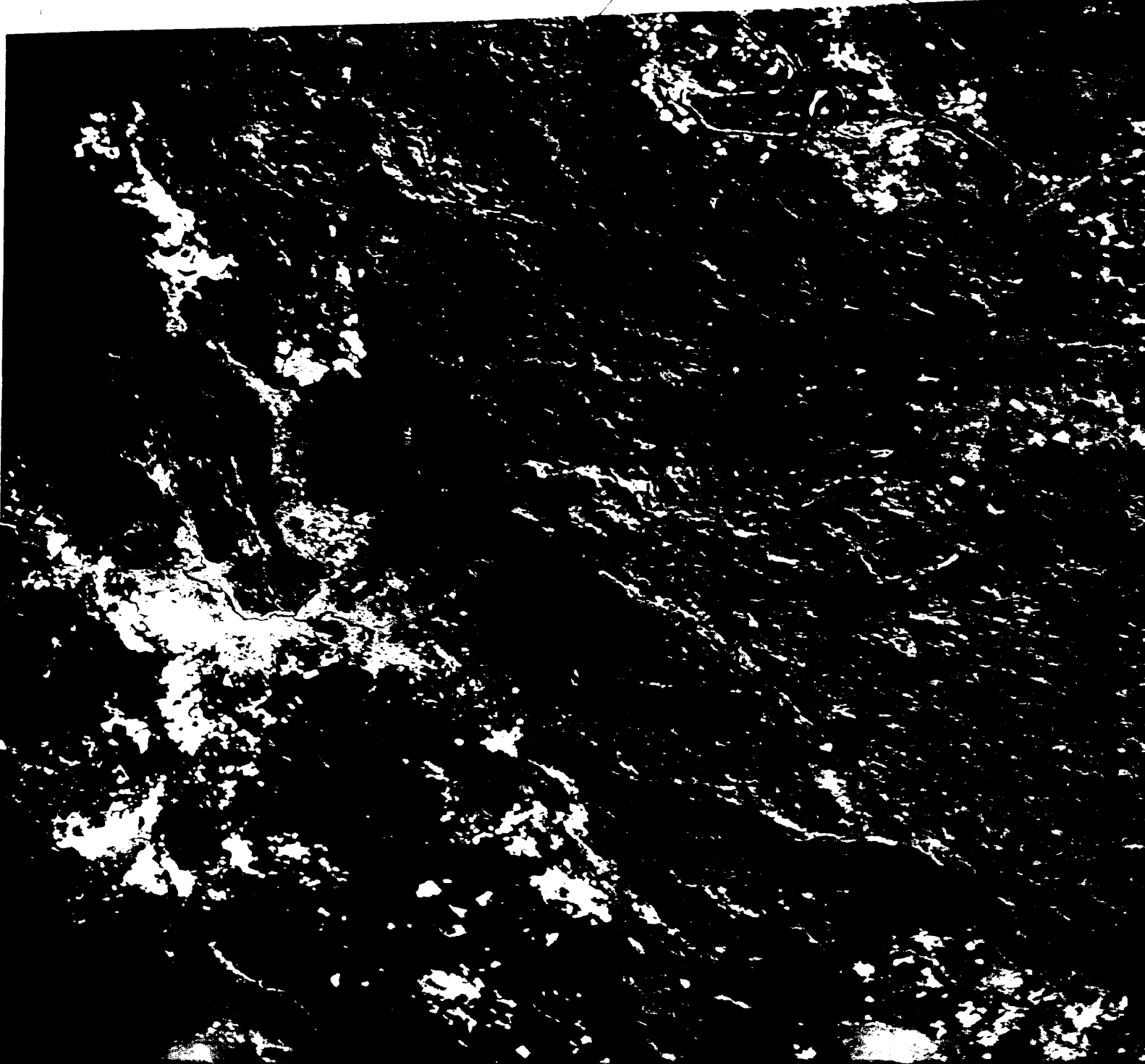
17°15'N



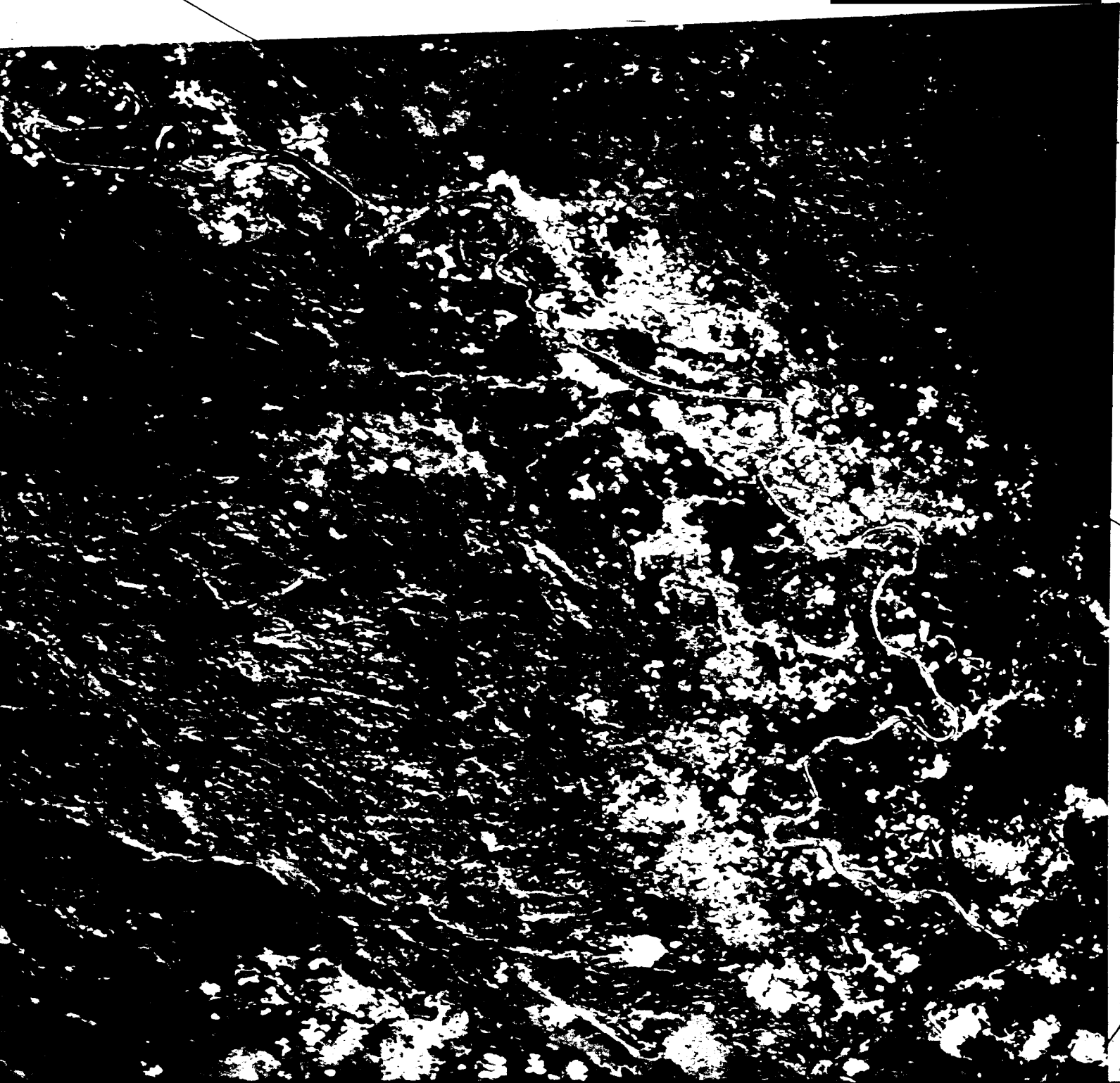
25X1C

SECRET

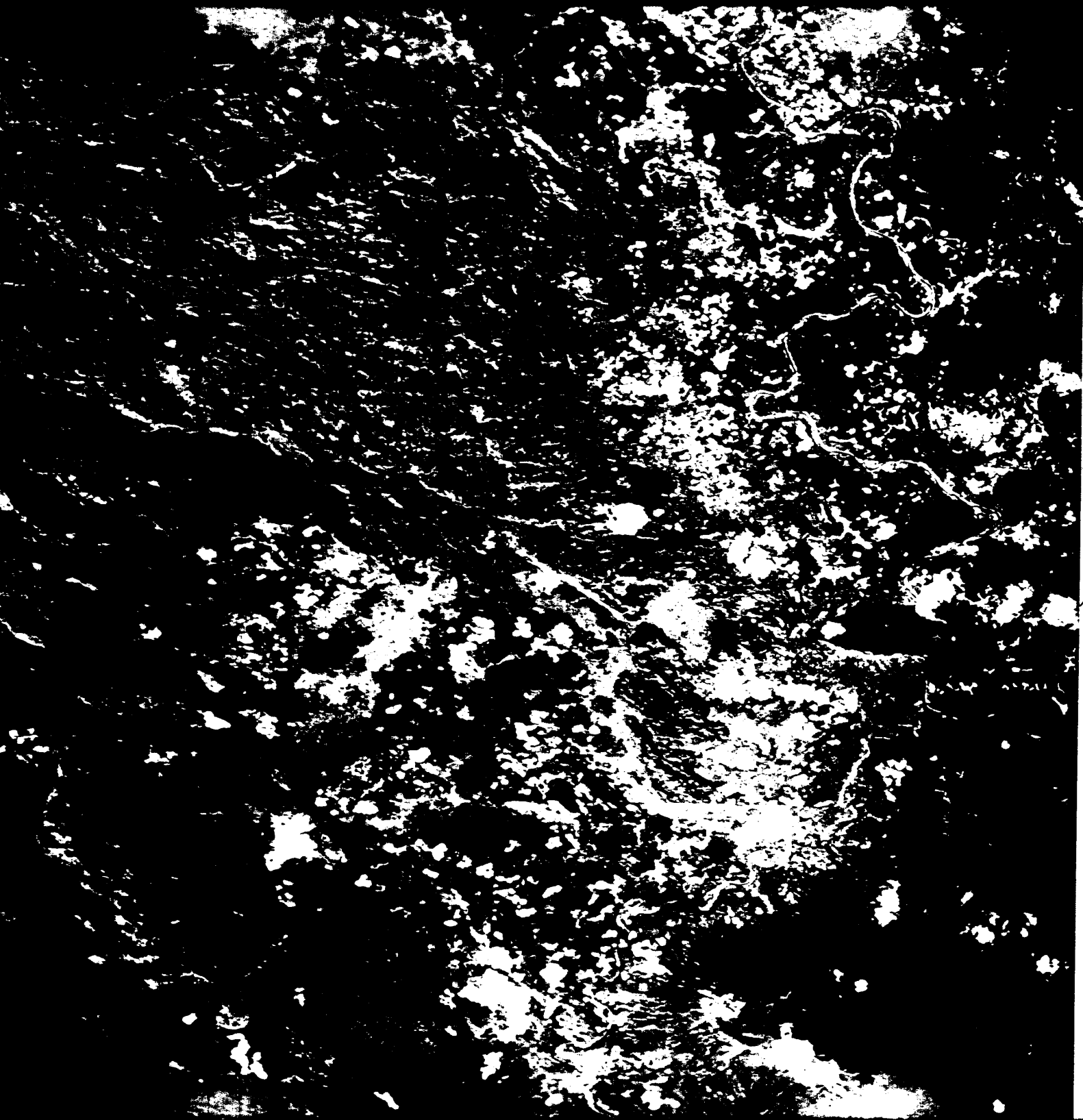
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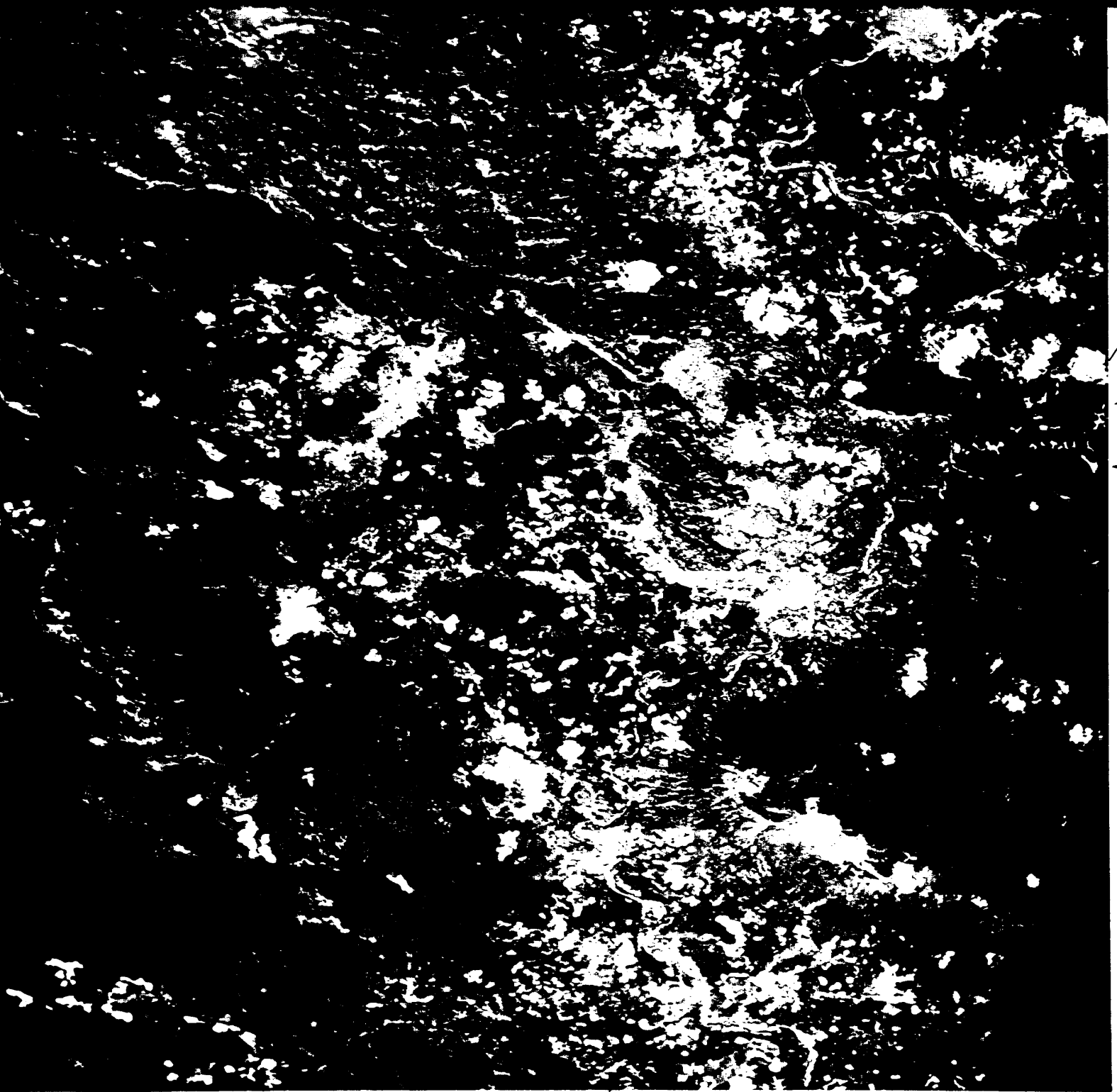


25X1D



105° 45'





105-45E

17 15W

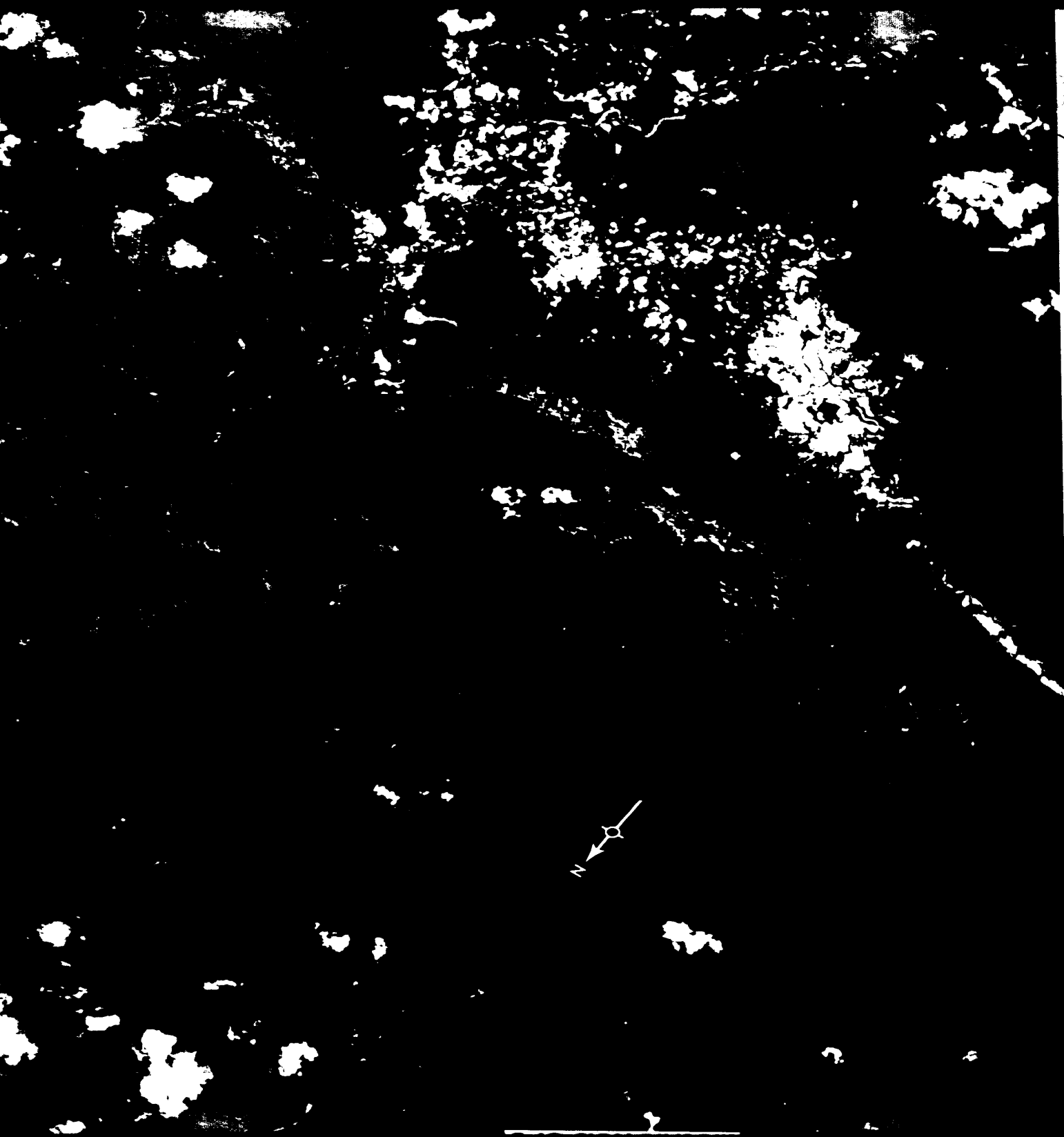
25X1C

SECRET



105-451

CIA/PID/IB-P-1230/64

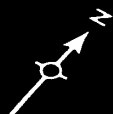


SECRET

NO FOREIGN DISSEM

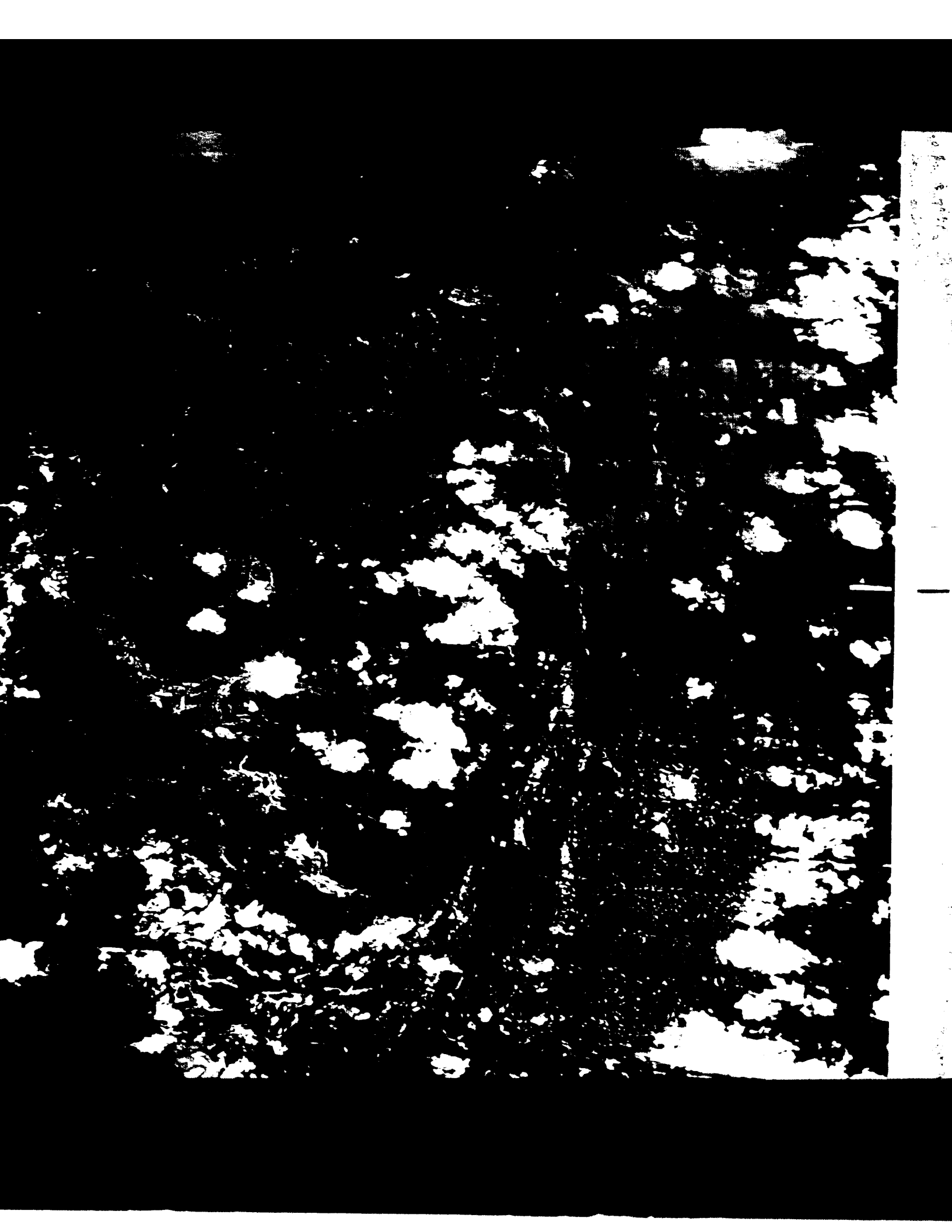
25X1C

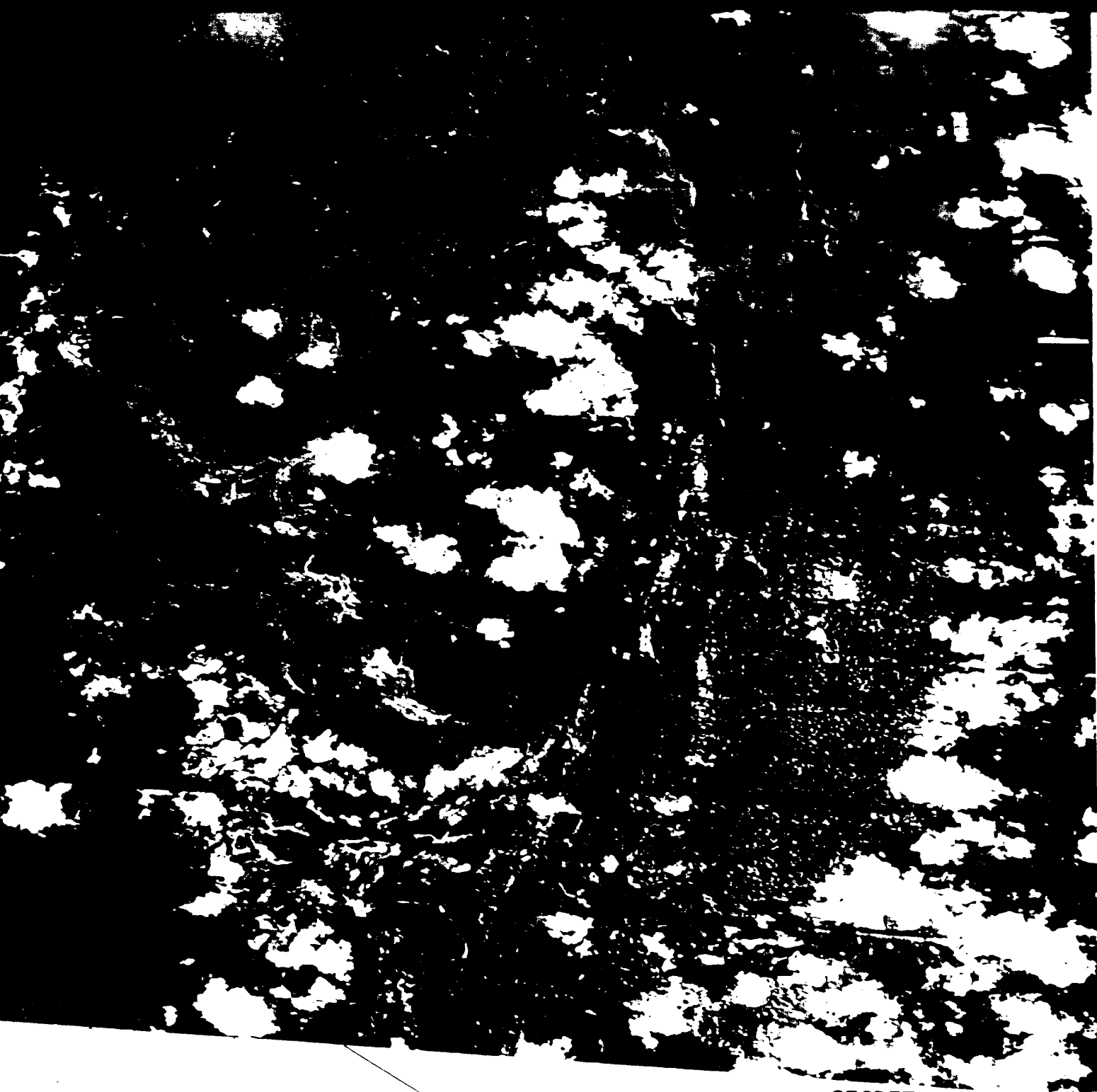
CENTRAL LAOS
MOSAIC NO.5 OF 5



25X1D







25X1C

NO FOREIGN DISSEM

SECRET